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W. France	10 10/11/1440/17			Application Number	10/719,172		
INF	ORMATION	N DIS	CLOSURE	Filing Date	November 20, 2003		
STA	STATEMENT BY APPLICANT			First Named Inventor	Murray S. Toas		
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Sheet	1	of	1	Attorney Docket Number	D0932-00382		

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Examiner Initials*	Cite No. ¹	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MIP	_	JOHNS MANVILLE, "Microlith®-Glass Fiber Nonwoven", Type 10/3, November 2003	_
ATP		JOHNS MANVILLE, "Microlith®-Glass Fiber Nonwoven", Type 10/4, December 2003	

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net yet assigned 10[719, 172 Application Number Filing Date herewith First Named Inventor Murray S. Toas Art Unit not yet assigned **Examiner Name** not yet assigned D0932-00382 Attorney Docket Number

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			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear
<u> </u>	ļ	Number-Kind Code ^{2 (7 known)} US- 2001/0033782 A1	10-25-2001	Conley	
MAP	_	US- 2001/0033926 A1	10-25-2001	Matthews et al.	
	=	US- 2002/0127399 A1	09-12-2002	Mankell et al.	
	-	US- 2002/0146521 A1	10-10-2002	Toas et al.	
-	=	US- 2003/0008092 A1	01-09-2003	Toas et al.	
	-	US- 2003/0068943 A1	04-10-2003	Fay	
_	-	US- 2,341,130	02-08-1944	T.A. Unsworth	
	-	us- 2,467,291	04-12-1949	J.O. Brelsford et al.	
	=	US- 2,619,151	11-25-1952	H.O. Sheidley	_
	-	US- 2,647,857	08-04-1953	W.A. Horne	A
	-	^{US-} 2,825,389	03-04-1958	J.F. Stephens	
	1	US- 3,002,857	10-03-1961	Stalego	
	-	^{US-} 3,025,197	03-13-1962	H.O. Sheidley	
	1-	^{US-} 3,092,529	06-04-1963	A. J. Pearson	
	1-	US- 3,093,037	06-11-1963	H. D. Ward, Jr.	
	-	US- 3,212,529	10-19-1965	W.L. Ullman et al.	
	_	us- 3,394,737	07-30-1968	B. G. Hoffmann et al.	
V	1-	^{US-} 3,420,142	01-07-1969	L. R. Gale et al.	
KIP	-	US-3,549,473	12-22-1970	Le Blanc et al.	

		FORFI	GN PATENT DOCU	MENTS		
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<u> </u>	 	Number-Kind Code ² (* brown)	01-26-1971	Maybee	
AIP		US- 3,557,840		W. H. Barr	
	1	^{US-} 3,605,534	09-20-1971		 \/-
_1	_	US- 3,615,969	10-26-1971	Hegg	- -\-
	_	^{US-} 3,642,554	02-15-1972	Hensley	
	-	^{US-} 3,768,523	10-30-1973	Schroeder	/
1	-	US-3,861,425	01-21-1975	Clark	
\neg	-	us- 3,867,221	02-18-1975	Chant	
_	+-	us-3,885,593	. 05-27-1975	Koerber et al.	
	-	^{US-} 3,915,783	10-28-1975	Goppel et al.	
\top	-	US-4,005,234	01-25-1977	Stroupe	
	-	US-4,067,678	01-10-1978	Beranek, Jr. et al.	/
	1-	US-4,101,700	07-18-1978	Ray, Jr. et al.	/_
	1-	US- 4,175,159	11-20-1979	Raleigh	/
\top	1-	US-4,183,379	01-15-1980	Marquette et al.	
	1_	US-4,196,755	04-18-1980	Kutnyak et al.	
_	-	US-4,243,075	01-06-1981	McPherson et al.	
	-	US-4,304,267	12-08-1981	Campbell, Jr.	
-	-	^{US-} 4,310,585	01-12-1982	Shannon	_//
ATO	T^-	US- 4.389,587	01-26-1984	Takeda et al.	V

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Application Number	not yet assigned 19(719, 172				
Filing Date	herewith				
First Named Inventor	Murray S. Toas				
Art Unit	not yet assigned				
Examiner Name	not yet assigned				
Attorney Docket Number	D0932-00382				

Sheet 3 U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Relevant Passages or Relevant Name of Patentee or Cite No. **Document Number** Publication Date Examiner MM-DD-YYYY Applicant of Cited Document Initials* Figures Appear Number-Kind Code² (Flower) Takeda et al. US-4,456,637 06-26-1984 KIP 07-09-1985 lAuer ^{US-} 4,528,053 03-04-1986 Armbruster US-4,573,715 11-04-1986 Holtrop et al. US-4,621,013 07-14-1987 Hughes us-4,680,070 Broderick et al. 12-01-1987 US- 4,709,523 06-13-1989 Jain US- 4.839,222 12-19-1989 Auxier et al. US- 4.887,663 Vesley et al. US- 4.895,745 03-20-1990 US-4,909,282 03-20-1990 Staugaard Jain US- 4,968,556 11-06-1990 Cunningham, Jr. 01-08-1991 US- 4,983,081 Terry et al. ^{US-} 4,990,370 02-05-1991 06-04-1991 Nelson US- 5,020,481 Crater et al. US- 5,025,052 06-18-1991 US- 5,144,795 09-08-1992 Field Meier et al. US- 5,169,700 12-18-1992 02-16-1993 Cunningham, Jr. ^{US-} 5,186,704 04-05-1994 Kanagawa et al. US- 5.300,592

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U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Name of Patentee or Publication Date MM-DD-YYYY **Document Number** Examine Relevant Passages or Relevant Applicant of Cited Document No. Figures Appear Number-Kind Code² (# mount) Holland et al. 05-10-1994 ^{US-} 5,310,594 ATP Batdorf et al. 05-24-1994 ^{US-} 5,314,719 _ Fieuws et al. 12-06-1994 US-5,370,919 Matthews et al. 01-10-1995 ^{US-} 5,379,806 01-31-1995 Deerer et al. ^{US-} 5,385,610 06-06-1995 Cunningham, Jr. US- 5,421,938 Sansoucy 10-24-1995 US-5,460,206 Matthews et al. 01-30-1996 US- 5,487,412 06-25-1996 Jones et al. US- 5,528,904 Cross et al. 07-09-1996 US- 5,534,298 Schakel et al. 10-22-1996 US- 5,567,504 Grant et al. 11-26-1996 US- 5,578,258 Buzza et al. 05-06-1997 US-5,625,999 Petty 05-12-1998 US- 5,750,225 06-09-1998 Matthews et al. US- 5,762,109 Facas et al. 06-16-1998 US- 5,765,586 Noonan et al. 07-21-1998 US- 5,783,268 Skoufis et al. 07-21-1998 ^{US-} 5,783,623 _ 11-17-1998 Kittson et al. US- 5,836,357 KTP

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12.(-	^{US-} 5,958,137	09-28-1999	Caldwell et al.	
	-	us- 5,985,429	11-16-1999	Plummer et al.	
_	-	US- 6,000,437	12-14-1999	Ponder et al.	
_	-	^{US-} 6,148,867	11-21-2000	Matthews et al.	
	1_	^{US-} 6,207,245 B1	03-27-2001	Miller et al.	
_	-	US- 6,213,522 B1	04-10-2001	Jacobson et al.	 / \
	1-	us- 6,231,927 B1	05-15-2001	Ruid	+/
	1-	^{US-} 6,270,865 B1	08-07-2001	Noonan et al.	+/
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		T BY APPLICANT		Murray S. Toas			
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	-	CertainTeed Corporation, Valley Forge, Pennsylvani		™ Duct Board",	October 1, 1994,		
	-	CertainTeed Corporation,	"Product Specification: P	S 57.00" , May 23	3, 1994.	-	
	-	CertainTeed Corporation, Board Systems", 1994, Va	"Product Sheet – Tough alley Forge, Pennsylvania	Gard™ Duct Boar	d Fiber Glass Duct		ATP 7/10/05
	-	CertainTeed Corporation, Facing", June 23, 1994.	"Raw Material Specificati	on: Certa*Faced	Ultra*Duct Mat	_	
	-	CertainTeed Corporation, Enhanced Surface", Janua	"Specification Sheet – To ary 2002.	oughGard™Duct	Board with	-	
	-	CertainTeed Corporation, Enhanced Surface", 2001	"Specification Sheet - T	oughGard™Duct	Liner with	-	ATP (18/05
ATP	/	CertainTeed Corporation, February 2002	Spec. Sheet, - ToughGa	rd™ Duct Board,	2 pages,		
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¹ Applicant's unique citation designation number (optional). Applicant is to piece a clieck miss file in the late of the public which is to file (and by the USPTO This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO This collection of information is completed application of the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. The will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. The will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. The will vary depending upon the individual case. Any comments on the gathering, and submitted the properties of the chief the properties of the p

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ATP	_	CertainTeed Corporation, "	Specification Sheet - Ult	ra*Duct™ Gold", N	March 2002.	-	•	
	-	CETIAT "Test Report" July	24, 1991, 6 pages (inclu	iding translation at	tached)	~		
-	-	Climaver® 234 (🧀	due				Arp	7/18/05
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	-	Elasti-Glass® R3100B Se	ries - Glass Fiber Mats, S	Schuller, 2 pages,	May 1997	_		
	-	France-Air, "Glass Fibre p	panels for air ducts" 21 pa	ages (including tra	nslation attached)		ATP	7/18/0
ATP	-	French Republic, Nationa translation attached)	l Testing Laboratory, Nov	vember 28, 1998,	18 pages (including	_		
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP-609. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to a applicant.

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		c RC™ Fiber Glass Duct Liner with formation), AHS-329 February 2002	ing Systems – Linacousti n," (preliminary product in	anville, "Air Handled Coating Syster	lohns-Ma Reinforce	_	
	_	ct™ Coated High Performance Air	dling Systems - SuperDuc 00, AHS 200 June 2000	ansville, "Air Hand ard, Type 475 & 8	Johns-Ma Duct Boa	_	
	-	ems Fabrication Manual", USA	ss, "Micro-Aire Duct Syst	ansville Fiber Gla	Johns-Ma	_	T
ATP Plielos	_	pecification - Micro-Aire Duct Board	ring, "Finished Product S Spec No. 4365-15", 197	anville Manufactu I Duty Heavy Duty	Johns-Ma Standard	_	AFR

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	-	Knauf Fiber Glass GmbH, Technology", October 200	"Submittal Sheet – Air Du 0, USA	ct Board-M with Hydroshield	_	
	-	Knauf Fiber Glass Insulation	on - Products, 7 pages, F	eb. 2002		
	-	Aircon, "Ventilation, Extract 1991.	ction and Air Conditioning	- Installation Materials", November	V	
	-	North American Insulation Standards", 2nd Edition, 1	Manufacturers Association 993.	on, "Fibrous Glass Duct Construction)	_	ATP #1810
	-	CertainTeed Corporation,	"Certa*Faced Ultra*Duct	Marketing Plan", November 22, 1993	•	
	1-	Owens Corning, "Submitta	al Sheet - Aeromat Duct L	iner", May 2001, USA	_	
		Owens Corning, "Submitt	al Sheet - EnDura Coat D	uct Board", May 2001, USA	-	
AIR)	"Precision Coating Rods a	and Laboratory Products,"	Industry Tech, Oldsmar, FL	-	AT Pholos

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	-	"Smooth Stainless Steel R	tods, etc.", RD Specialites	s, Webster,NY		ATP 7(18/0)
	-	Testing Data from the Cor	mpetitive Audit on March	25, 1999, 3 pages	_	
	-	Ulta Additives Catalog, DI http://www.ultraadditives.c	EE FO/AGITAN defoamer	s, reprinted 01/21/2003 from	_	
	-	Underwriters Laboratories USA	Inc., "Report on Air Duc	s", June 8, 1992, Northbrook	, Illinois,	
		Underwriters Laboratories	s Inc., "Gas and Oil Equip	ment 1993" (no manul		ATO Pliblos
	-	Underwriters Laboratories	s Inc., "Gas and Oil Equip	ment 1994" (~- ~-~	m) /	NO HIDOS
	1-	Underwriters Laboratories	s Inc., "Gas and Oil Equip	ment 1995" (^	Hu) _	NTP 4/8/25
	 -	Underwriters Laboratorie December 19, 1991, Nor	s Inc., "Investigation of 'C thbrook, Illinois, USA	limaver 284' Air Duct Board"		
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		NON PATENT LITERATURE DOCUMENTS	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known 10/719,172 **Application Number** November 20, 2003 Filing Date First Named Inventor Murray S. Toas Art Unit 1771 **Examiner Name** NOT YET ASSIGNED D0932-00382 [I-8765] Attorney Docket Number

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Initials*	No.1		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
		Number-Kind Code ^{2 (If known)}			Figures Appear
ATC	AA.	2003/0032351 A1	02-13-2003	Horner, Jr. et al.	
	AB	2003/0056229 A1	03-20-2003	Crabtree et al.	<u> </u>
	AC	2003/0236043 A1	12-25-2003	Calzavara et al.	
	AD	2004/0038608 A1	02-26-2004	Shaw et al.	
	AE	2004/0118472	06-24-2004	Mota et al.	
	AF	2004/0137181 A1	07-15-2004	Ruid et al.	
	AG	2005/0031819 A1	02-10-2005	Mankell et al.	
	AH	2,428,591	10-07-1947	G. Slayter	\ /
	Al	2,695,855	11-30-1954	J.F. Stephens	
	AJ	2,768,026	10-23-1956	J.F. Stephens et al.	1
	AK	2,790,464	04-30-1957	J.F. Stephens et al.	Υ ·
1	AL	2,881,110	04-07-1959	F.W. Walker et al.	\ \ \
	AM	2,938,737	05-31-1960	F.W. Walker et al.	/\
	AN	3,113,788	12-10-1963	Johnston	
	AO	3,242,527	03-29-1966	D.J. Rosenberg	/ \
	AP	3,265,530	08-09-1966	Marzocchi et al.	
	AQ	3,396,070	08-06-1968	U.T. Gambill et al.	
	AR	3,492,771	02-03-1970	I.P. Jones et al.	
	AS	3,507,730	04-21-1970	U.T. Gambill et al.	
\neg	AT	3,616,181	10-26-1971	Stalego	
	AU	3,642,560	02-15-1972	Marsh, Jr. et al.	1/
	AV	3,942,774	03-09-1976	Sokolow	1/
V	AW	3,945,962	03-23-1976	Clark	\
ATP	AX	3,980,511	09-14-1976	Proucelle	\

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	Substitute for form 1449A/PTO	Application Number	10/719,172
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ATO	вт	WO 99/00338	01-07-1999	Elk Corporation	Appear
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code -Number - Kind Code (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
MAP	BS	6,769,455	08-03-2004 EIGN PATENT I	Toas et al.](
V	BR	6,555,951 B2	04-29-2003	Jeoung	
	BQ	6,451,432 B1	09-17-2002	Azzopardi et al.	
	BP	5,776,841	07-07-1998	Bondoc et al.	
	во	5,712,012	01-27-1998	Forman et al.	
	BN	5,624,471	04-29-1997	Gaeta et al.	
	ВМ	5,612,405	03-18-1997	Bainbridge et al.	
\top	BL	5,549,942	08-27-1996	Watts	1 / \
1	ВК	5,397,631	03-14-1995	Green et al.	1-/-
	BJ	5,391,840	02-21-1995	Hughes et al.	
	ВІ	5,371,989	12-13-1994	Lehnert et al.	
	вн	5,009,932	04-23-1991	Klett et al.	
	BG	5,008,131	04-16-1991	Bakhshi	
_	BF	4,824,714	04-25-1989	Gest	
	BE	4,758,395	07-19-1988	Zion	+ \ /
 	BD	4,243,075	01-06-1981	McPherson et al.	+
	ВС	4,226,662	10-07-1980	McCort	+
+-	BB	4,179,808	12-25-1979	Smith	+\-/
	BA	4,002,367 4,070,954	01-11-1977	Cailey	
XIP.	AZ	3,996,824	12-14-1976	Cailey Thomas	

Examiner Signature	979	Date Considered	7/18/05	

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Complete if Known Substitute for form 1449A/PTO 10/719,172 Application Number Filing Date November 20, 2003 INFORMATION DISCLOSURE First Named Inventor Murray S. Toas STATEMENT BY APPLICANT Art Unit 1771 (Use as many sheets as necessary) **NOT YET ASSIGNED Examiner Name** D0932-00382 [I-8765] Attorney Docket Number

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		7
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	Ť²	
ATP	BU	CertainTeed - CertaPro™ (FiberGlass Insulation), Commercial Insulation, ©2003 CertainTeed Corporation (Commercial Insulation)	_	ATP 1/18/05
	BV	CertainTeed – Product - Certapro™ Commercial Board, http://www.certainteed.com/pro/insulation/html/Commercial/ins.com.combrd.ht m,08/21/2003	_	
	BW	CertainTeed – Commercial Board Insulation, http://www.allinterior.com/showrooms /certainteed/scenery/commercialboardinsulation.htm, visited 08/21/2003	_	
	вх	CertainTeed, Product Index "Commercial Insulation," http://www.certainteed.com/CertainTeed/Undefined/Insulation/Prodin_dex/Commercial , 05/25/2004		
	BY	CertainTeed, "Product Index" Mechanical/HVAC Insulation, http://www.certainteed.com/CertainTeed/Undefined/Insulation/Prodindex/Mechanical , 06/21/2004	_	
	BZ	CertainTeed, "Product Index" Residential Insulation, <a 12="" 2002<="" 30="" building="" certainteed="" href="http://www.certainteed.com/CertainTeed/Undefined/Insulation/Proindex/Resident-al</td><td>_</td><td></td></tr><tr><td></td><td>CA</td><td>CertainTeed, " information,"="" later="" not="" product="" solutions,="" td="" than=""><td></td><td></td>		
	СВ	CertainTeed, "Product Sheet – ToughGard™ Duct Board with Enhanced Surface, http://www.certainteed.com/pro/insulation/html AHprod/ins mech to db.html, 07/31/2003		*
	СС	CertainTeed Specification Sheet – Acousta Blanket™ Black Insulation, May 2003	_	
	CD	CertainTeed Specification Sheet - AcoustaBoard™ Black Insulation, May 2003		}
1	CE	CertainTeed Specification Sheet - CertaPro™ AcoustaBoard™ Black, October 2002		1
ATE	CF	CertainTeed Specification Sheet - CertaPro™ AcoustaBlanket Black™, October 2002	_]

Examiner Signature	Date Considered	7/18/05
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		ATUED DOLON AND MAN DATENT LITTER ATUES DAGUAGUTA	
		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	T
Examiner Initials*			T ²
ATP	CG	CertainTeed Specification Sheet - CertaPro™ AcoustaTherm™ Batts, May 2001	_
	СН	CertainTeed Specification Sheet - CertaPro™ Commercial Board, 5/01	_
	CI	CertainTeed Specification Sheet - CertaPro™ Partition Batts, June 2002	_
	CJ	CertainTeed Specification Sheet - CertaPro™ Thermal Extended Flange Batts, October 2002	_
	СК	CertainTeed Specification Sheet - CertaPro™ Thermal Foil Faced Batts, October 2003	_
	CL	CertainTeed Specification Sheet - CertaPro™ Thermal FSK-25 Faced Batts, June 2003	-
	СМ	CertainTeed Specification Sheet - CertaPro™ Thermal Kraft Faced Batts, October 2002	
	CN	CertainTeed Specification Sheet – Basement Wall and Masonry Wall Fiber Glass Building Insulation, April 2004	_
	со	CertainTeed Specification Sheet - Commercial Blanket Insulation, April 2000	-
	СР	CertainTeed Specification Sheet CrimpWrap™ Crimped Pipe and Tank Wrap, December 2002	_
	CQ	CertainTeed Specification Sheet, EZR™ Fiber Glass Building Insulation, January 2004	-
	CR	CertainTeed Specification Sheet, Fiber Glass Building Insulation, April 2004	
	cs	CertainTeed Specification Sheet, FlameChek™ Duct Insulation, April 2002	_
	СТ	CertainTeed Specification Sheet, FlameChek™ Plenum Insulation, November 2002	_
ATP	CU	CertainTeed Specification Sheet, FlameChek™ Plus 2 Duct Insulation (Single Layer System), April 2002	-

Examiner Signature	970	Date Considered 7/18/05
	<u> </u>	

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Complete if Known Substitute for form 1449A/PTO 10/719,172 **Application Number** November 20, 2003 Filing Date INFORMATION DISCLOSURE Murray S. Toas **First Named Inventor** STATEMENT BY APPLICANT **Art Unit** 1771 (Use as many sheets as necessary) **NOT YET ASSIGNED Examiner Name** D0932-00382 [I-8765] Sheet of Attorney Docket Number

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
ATP	cv	CertainTeed Specification Sheet – Metal Building Insulation 202-96, June 2003	_
1	cw	CertainTeed Specification Sheet - OEM Acoustical Board Insulation, March 2002	
	сх	CertainTeed Specification Sheet – Preformed Pipe Insulation, August 2003	-
	CY	CertainTeed Specification Sheet, Soft Touch™ Duct Wrap Insulation, August 2003	
	CZ	CertainTeed Specification Sheet – Sound Attenuation Batts Acoustical Ceiling Batts NoiseReducer™ Batts, November 2003	
	DA ·	CertainTeed Specification Sheet – SpeedyR™ Tabless Batts, September 2003	_
	DB	CertainTeed, "Specification Sheet – ToughGard™ Duct Board", April 2002	-
	DC	CertainTeed, "Specification Sheet - ToughGard™ R Duct Liner with Enhanced Surface, April 2004	
	DD	CertainTeed, "Specification Sheet – ToughGard Rigid Liner Board with Enhanced Surface, March 2002	_
	DE	CertainTeed Corporation, "Specification Sheet – Ultra*Duct™ Duct Board, April 2001 or March 2002	_
	DF	CertainTeed Corporation, "Specification Sheet – Ultra*Duct™ Gold", August 2003	
	DG	CertainTeed Specification Sheet - Ultralite® Duct Liner, April 2003	-
	DH	CertainTeed Specification Sheet - Universal Blanket, August 2003	
t	DI	CertainTeed ToughGard™ Duct Board, http://www.certainteed.com/cinsulate/cict00801p.html, : 09/04/2003	-
ATP	DJ	CertainTeed, "ToughGard™ Duct Board Fiber Glass Duct Board Systems,	_

ATP-118105

Examiner Signature	979.	Date Considered	7/18/05	
	I II A			

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	та.	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T²	
ATP	DK	Fiber-Glass Duct Systems, http://www.tpub.com/steelworker2/27.htm, 08/14/2003	_	
ı	DL	IBACOS, Fibrous Glass Duct Board White Paper, 2003 (10 man)	_	NO 7/18/5
	DM	Isover Gullfiber - translation of the relevant parts of the Danish ventilation duct product "Industriplad Sort" and the corresponding Ventilation Duct Application brochure	X	ATP 7/18/5
	DN	Isover Roclaine, "Recommended Prices January 1990," Cristaleria Espanola S.A., Insulation Division, January 1993, 3 pages (translation attached)	_	
	DO	Isover Roclaine, "Recommended Prices January 1991," Cristaleria Espanola S.A., Insulation Division, January 1993, 3 pages (translation attached)	_	
	DP	Johns-Manville, "Super Duct™" Air Duct Board Fabrication Instructions, AHS- 204, February 1998	_	
	DQ	Johns Manville, Fiber Glass Mat (Acrylic Binder), Material Safety Data, Sheet ID: 1014, Section 1 – Chemical Product and Company Identification pp 1-6, 10/21/2002	_	
	DR	Johns-Manville Manufacturing, "Finished Product Specification – Mat Faced Mad Board Spec No. 4365-15.6", 1971 – 1973, USA (100 へっつい)	_	ATP 71.81=
	DS	Johns Manville, Glass Fiber Mats, Elasti-Glass® 3200B Series, 1 p., 10/30/02	_	
	DT	Knauf, Air Duct Board-M with Hydroshield™ Technology, Submittal Sheet, Form No. AH-SS-6, 10/2000	_	
	DU	Knauf Fiber Glass Insulation – Products, www.knauffiberglass.com/index.cfm?fuseaction=prd.dspProdDetail&ID=12 , pp 1-7, v 8/25/2003	_	
	DV	Knauf Fiber Glass Insulation – Products, Knauf Air Duct Board-M www.Knauffiberglass.com/index.cfm?fuseaction=prd.dspProdDetail&ID=14 , pp 1-7, visited 1/8/2003	_	
ATP	DW	Lydall, 23# Manniglas® 1803 WHB, Development Grade-Lot F2956, Data Sheet, 1 page, 11/20/2002	_	

Signature Considered Considered Whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

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Ail	DX	Lydall, 27# Manniglas® 1807, Development Grade-Lab Handsheets, Data Sheet, 1 page, 1/8/04		
	DY	Lydall, 40# Manniglas® 1786 Black, Development Grade-Lot F2933, Data Sheet, 1 page, 11/2002	/	
	DZ	Lydall, 40# Manniglas® 1886 Black, Data Sheet, 1 page, 8/2002	_	
	EA	Lydall, 40# Manniglas® 1886 BX Black, Developmental Lot F2434, Data Sheet, 1 page, 12/2001		
•	EB	Mid-rise and High-rise Exterior Building Envelope Board, Current System – Massachusetts "specifications" (೧೦ ೭೩)	/	ATP 7/18/05
	EC	North American Insulation Manufacturers Association, "Fabrication Dimensions for 2" (R-8.7) Fibrous Glass Duct Board, Pub. No. AH-136, August 2002		
	ED	North American Insulation Manufacturers Association, "Facts About Using Sealants in Fiber Glass Air Handling Systems", Insulation Facts #36, Pub. No. AH 125, September 2000	_	
	EE	North American Insulation Manufacturers Association, "Fibrous Glass Duct System", Insulation Facts #64, Pub. No. AH 137, January 2003	_	
	EF	RD Specialties, "Smooth Stainless Steel Rods, etc.", Webster, NY (no date)		ATP 71.2105
	EG	ROXUL® - The Better Insulation™ - RHT™605 Commercial Board - Design No. W605, RHT Industrial Board, http://199.202.236.133/canada/product_details.asp?id=82 , visited 08/21/2003	_	
V	EH	ROXUL® - The Better Insulation™ - Technical Product Information, Board Insulation 15080 RHT™605, ROXUL, INC., 06/01/2002	_	
ATP	EI .	ROXUL® - The Better Insulation™ - Technical Product Information, Board Insulation 15080, RHT™606, ROXUL, INC., 06/01/2002	_	

Examiner Signature	9-1	Date Considered	7/18/05
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